BROWNFIELDS PROGRAM HIGHLIGHTS



Brownfields are abandoned, idled, or under-used industrial and commercial facilities where expansion or redevelopment is complicated by real or perceived environmental contamination. What was begun as an agency initiative in January, 1995, to promote beneficial reuse of contaminated sites, the Brownfields program has evolved into one of EPA's most successful and popular programs. EPA's Brownfields program consists of various initiatives designed to work with local, state, and tribal partners to foster locally-driven, environmentally-sound brownfields reuse solutions. Since the inception of the program, EPA New England has provided over \$48 million in assistance to local, tribal, and state governmental organizations, \$9.9 million in 2001. Following

is a summary of several key components of the Brownfields program:

Brownfields Assessment Demonstration Cooperative Agreements

Brownfields Assessment Demonstration Cooperative Agreements are grants to local, tribal and state governmental organizations to conduct site assessment and related activities at brownfields sites. An important goal of this program is to assist in developing long-range strategies for site reuse. Pilot projects are selected through a national competition. In 2001, over \$2.4 million was provided to New England organizations. Five new pilots were awarded in 2001 in the region, for a total of 59, and nine grantees were awarded additional funds. This additional funding brings the total for this portion of the program to approximately \$16 million in New England.

Targeted Brownfields Assessments

Under this initiative, EPA uses its own contractors to conduct brownfields assessments at sites which are identified by the local applicants as a high priority for reuse. Brownfields assessments typically involve a review of existing site records, site sampling, and preparation of preliminary cleanup cost estimates. The information gathered allows local government officials and developers to make informed decisions regarding the redevelopment potential of a site. Twelve new projects were awarded in New England in 2001, valued at \$900,000. To date, a total of 67 targeted brownfields assessments, valued at approximately \$4.3 million, have been initiated or completed by EPA in New England.

Revolving Loan Fund Cooperative Agreements



Under this portion of the program, funds are awarded to eligible local, tribal and state organizations to establish and capitalize revolving loan funds to assist private and public parties in cleaning up contaminated sites. Grants are for up to \$1,000,000 and eligible communities may team together to establish larger revolving loan funds pools. A total of 128 pilots have been awarded nationwide. Twenty-six, valued at over \$18.4 million, have been awarded in New England. These figures include \$4.4 million awarded during 2001 in New England.

Senator Lieberman (CT) and Fritz Blau, owner of Harley Davidson of Stamford.

U.S. EPA New England **Brownfields Highlights**





Hazardous material trainees in Boston.

Brownfields Job Training

Brownfields Job Training Cooperative Agreements are used to train workers in the field of hazardous waste assessment and remediation. 46 pilots of up to \$200,000 each have been awarded nationwide. Eight, representing \$1.75 million in funding, have been awarded in New England, including \$550,000 and two new grants in 2001.

Financial Assistance to State Brownfields **Programs**

In addition to funding local governments and other organizations directly, EPA offers three types of funding to directly support state brownfields activities:

- Voluntary Cleanup Program (VCP) funding to assist states in developing or enhancing their voluntary cleanup program infrastructure. This may include regulation development, program management, outreach effort and other non-site specific activities.
- Brownfields Site Assessment funding for states governments to perform Targeted Brownfield Assessments in their state.
- Tax Relief Act funding, which provides funds for state staff to evaluate site eligibility for a federal brownfields tax exemption provided for under the Tax Relief Act of 1997. Under the Act, the authority for determining eligibility was delegated to state governments.

In 2001, over \$1.4 million was awarded to New England states for these activities, bringing the total since the inception of the program to over \$6.2 million.

Showcase Communities

As part of the multi-federal agency Brownfields National Partnership, 28 communities across the country

were selected to receive Showcase Community designations following a national competition. In these selected communities, the federal partners help to revitalize brownfields properties. One major aspect of the showcase designation is the assignment of a federal employee to work full-time at the designated community for two years. In 2001, Mystic Valley (serving Malden, Medford, and Everett) and New Bedford, Massachusetts joined three other New England communities: Stamford, Connecticut; Lowell, Massachusetts; and Providence, Rhode Island, in receiving Showcase Community designation. Over

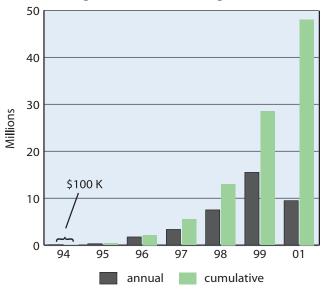


Brownfields site cleanup in Maine.

\$1.3 million in additional EPA assistance has been provided to these communities as part of their Showcase designation (\$200,000 during 2001).

For more information on the New England Brownfields Program, visit our web site at www.epa.gov/ ne/brownfields





Source: EPA New England, January 1, 2002

TOTAL FEDERAL BROWNFIELDS FUNDING PROVIDED IN NEW ENGLAND BY STATE AND BY PROGRAM AREA, 1994-2001

PROGRAM	СТ	MA	WE	NH	RI	VT	TOTAL
Site Asse	ssment Demonst \$4,190,000.	ration Pilots \$7,783,132.	\$1,049,017.	\$ 840,000.	\$ 850,000.	\$1,250,000.	\$15,972,149.
Targeted	Brownfields Ass \$1,250,000.	essments \$2,040,000.	\$ 270,000.	\$ 290,000.	\$ 305,000.	\$ 150,000.	\$4,305,000.
Revolvin	g Loans Funds P i \$4,750,000.	ilots \$8,468,119.	\$1,750,000.	\$2,450,000.	\$1,000,000.	\$ 0.	\$18,418,119.
Job Trair	ning Pilots \$ 600,000.	\$1,150,000.	\$ 0.	\$ 0.	\$ 0.	\$ 0.	\$1,750,000.
State Vo	\$1,113,636.	Programs \$1,257,925.	\$ 233,027.	\$1,111,074.	\$ 542,790.	\$ 0.	\$4,258,452.
State Bro	swnfields Site Ass \$ 414,960.	\$ 375,000.	\$ 245,380.	\$ 513,557.	\$ 253,115.	\$ 208,000.	\$2,010,012.
Showcas	se Communities \$ 300,000.	\$ 500,000.	\$ 0.	\$ 0.	\$ 300,000.	\$ 200,000.	\$1,300,000.
TOTAL	\$12,618,596.	\$21,574,176.	\$3,557,424.	\$5,204,631.	\$3,250,905.	\$1,808,000.	\$48,013,732.

Source: EPA New England, January 1, 2002



FAST FACTS

CONNECTICUT

Brownfields in Connecticut—Fast Facts

- EPA's Brownfields funding in Connecticut has been used to create inventories containing **532** sites.
- EPA's Brownfields funding in Connecticut has been used to complete **150** site assessments.
- EPA's Brownfields funding in Connecticut has helped identify 20 properties not requiring cleanup.
- In Connecticut, 17 cleanups have been started and 11 completed at EPA's Brownfields pilot sites.
- Over \$5 million in cleanup dollars have been spent on EPA Brownfields pilot projects in Connecticut and over 1300 cleanup jobs were created.
- Redevelopment is underway at **34** EPA Brownfields pilot sites in Connecticut, representing **\$118** million and over **500** new jobs.
- In 2001, EPA provided an additional **\$3.1** million in Brownfields assistance in Connecticut, for a total of **\$12.6** million since 1996 (see table below).

Source: EPA New England, January 1, 2002

FEDERAL BROWNFIELDS FUNDING PROVIDED IN CONNECTICUT, 2001 AND CUMULATIVE, BY PROGRAM AREA

	2001	Total To Date
Assessment Demonstration Pilots	\$ 750,000.	\$4,190,000.
Revolving Loan Fund Pilots	\$1,650,000.	\$4,750,000.
Job Training Pilots	\$ 200,000.	\$ 600,000.
Showcase Communities Funding		\$ 300,000.
State Voluntary Cleanup Program Funding	\$ 240,000.	\$1,114,000.
State-led Targeted Brownfields Assessments	\$ 75,000.	\$ 415,000.
EPA-led Targeted Brownfields Assessments	\$ 150,000.	\$1,250,000.

TOTALS \$3,065,000 \$12,619,000

Source: EPA New England, January 1, 2002

Following is a summary of Brownfields assistance provided to Connecticut state and local governments and other organizations:

Statewide

Connecticut Department of Environmental Protection

\$240,000 in 2001	>
\$75,000 in 2001	•

State Voluntary Cleanup Program Funding	\$1,114,000
State-led Targeted Brownfields Assessments	\$415,000
(specific locations listed by city below)	

Regional

Middlesex Community College

Job Training Pilot	\$200,000
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Naugatuck Valley Regional Planning Agency

serving the cities of Ansonia, Beacon Falls, Derby, Naugatuck, Oxford, Seymour, Thomaston, Waterbury, and Watertown.

Assessment Demonstration Pilot	\$200,000
Revolving Loan Fund Pilot (with Danbury)	\$850,000

In Derby, the Naugatuck Valley Brownfields Pilot has performed assessments



on O'Sullivans Island and is now working with EPA to determine the feasibility of phytoremediation as a cleanup option to prepare the site for redevelopment. Eventually, the riverbanks surrounding O'Sullivan's Island will be restored and residents will enjoy a new park, a marina, and pedestrian and bicycle paths.

To learn more, go to www.epa.gov/swerosps/bf/ html_doc/ss_naug.htm

O'Sullivan's Island property, Derby.



South Central Regional Council of Governments

serving the communities of Bethany, Branford, East Haven, Guilford, Hamden, Madison, Meriden, Milford, New Haven, North Branford, North Haven, Orange, Wallingford, West Haven, and Woodbridge

Assessment Demonstration Pilot	\$200,000
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New in 2001

Berlin

Town of Berlin

Revolving Loan Fund Pilot	\$500,000
State-led Targeted Brownfields Assessment (National Automatic I	Products)
State-led Targeted Brownfields Assessment (Berlin Center)	

Bridgeport

City of Bridgeport

Assessment Demonstration Pilot	\$600,000
Revolving Loan Fund Pilot	\$500,000
Targeted Brownfields Assessment (50 Miles Street)	\$50,000
Targeted Brownfields Assessment (Pacelli Trucking)	\$75,000
Targeted Brownfields Assessment (Swan Engraving)	\$50,000

\$200,000 in 2001 **New in 2001**

Using a portion of EPA's Site Assessment Demonstration grant, the city of Bridgeport performed a site evaluation at the former Jenkins Valve site. Based upon this evaluation, the Zurich Re corporation stepped in and invested \$11 million to cleanup and redevelop the site, which is now home to a new ballpark and arena, home to the Bridgeport Bluefish baseball team and Bridgeport Sound Tigers hockey team, increasing civic pride, creating new revenue and numerous new jobs for the community.

To learn more, go to www.epa.gov/swerosps/bf/html-doc/ss brdgp.htm

The WorkPlace, Inc.

Job Training Pilot	\$200,000
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Bristol City of Bristol

New in 2001

Assessment Demonstration Pilot	\$200,000
Targeted Brownfields Assessment (H.J. Mills Box Factory)	\$75,000

Danbury City of Danbury

Assessment Demonstration Pilot	\$200,000
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Derby City of Derby

Targeted Brownfields Assessment (Downtown Revitalization District)	\$75,000
Targeted Brownfields Assessment (Rolfite Chemical)	\$75,000
State-led Targeted Brownfields Assessment (Derby DOT Parcel)	

Glastonbury

Targeted Brownfields Assessment (Field-Holstein Pro	operty) \$75,000
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Haddam

Town of Haddam

Assessment Demonstration	Pilot	\$156,000

Hamden

State-led Targeted Brownfields Assessment
New Hall Street/Hamden Middle School



Hartford **City of Hartford**

Assessment Demonstration Pilot	\$550,000
Revolving Loan Fund Pilot	\$500,000
Targeted Brownfields Assessment (10 Reserve Road)	\$75,000
Targeted Brownfields Assessment (Hartford Car Wash)	\$24,000

New in 2001

Ledyard

Targeted Brownfields Assessment (Erickson Property)	\$15,000
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Manchester

Targeted Brownfields Assessment (Buckland Manufacturing) \$27,000		Targeted	Brownfields	Assessment	(Buckland	Manufacturing)	\$27,000
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An EPA-conducted Targeted Brownfields Assessment contributed to the redevelopment of the former Buckland Manufacturing site, abandoned for nearly



13 years. The new site owner, ActionAir Systems, opened their doors at the new site in March, 2001. To learn more, go to www.epa.gov/ne brownfields/ manchester.htm

New home for Action Air Systems.

Meriden

Targeted Brownfields Assessment	(International Silv	ver Factory)	\$80,000
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Middletown City of Middletown

New in 2001

Assessment Demonstration Pilot	\$200,000
Targeted Brownfields Assessment (Portland Chemical Works)	\$75,000

New Britain City of New Britain

Assessment Demonstration Pilot

\$200,000

Through its Brownfields Assessment Demonstration Pilot, the city of New Britain is returning two local properties to use, creating 50 - 100 new jobs in the process. At the former Russell Erwin Building, U.S. Aquaculture will renovate buildings on the site for their new operations there and at the former New Britain Machine site, Competitive Power Ventures, Inc. hopes to construct a new power plant.

New Haven City of New Haven

Assessment Demonstration Pilot

\$267,000

New London City of New London

Assessment Demonstration Pilot

\$250,000

Targeted Brownfields Assessment (Penn Central Transportation) \$50,000



An EPA-conducted Targeted Brownfields Assessment at the former Penn Central Property in New London provided essential information that enabled the redevelopment of the property from an abandoned and contaminated rail yard to a public waterfront boardwalk.

To learn more, go to www.epa.gov/ne/brownfields/newlondon.htm

New Boardwalk on New London's waterfront..



New Milford

Town of New Milford

Assessment Demonstration Pilot	\$200,000
Revolving Loan Fund Pilot	\$1,000,000

New in 2001

New Milford's primary redevelopment strategy centers around the former Century Brass property. The town has taken control of the site and has performed a round of assessment and characterization. Additional work will need to be done. Meanwhile, the town has already begun marketing the property to developers.

Norwich

City of Norwich

Assessment Demonstration Pilot	\$350,000
Targeted Brownfields Assessment (Occum Roto Print)	\$75,000

\$150,000 in 2001

Plainfield

Targeted Brownfields Assessment (InterRoyal Mill)	\$100,000
raigulad biowinious Assessment (interkeyar mint)	\$100,000

EPA is conducting a Targeted Brownfields Assessment of the former InterRoyal Mill site to assist the town's ongoing efforts to facilitate commercial or industrial redevelopment of this key property, which is located across from Town Hall.

Portland

State-led Targeted Brownfields Assessment (CT DOT Site)

Prospect

Targeted Brownfields Assessment (U.S. Cap and Jacket,	Inc.) \$50,000
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EPA initiated a Targeted Brownfields Assessment of the former US Cap site in 1999. In November 2001, EPA completed a time-critical removal action (see Removal section of this report for more information). The Brownfields program is continuing to work with the town to identify cleanup options to support the town's plans to facilitate commercial redevelopment of the site.

Shelton

Targeted Brownfields Assessment (Samarius Property) \$40,000	
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Stamford City of Stamford

Assessment Demonstration Pilot	\$200,000
Revolving Loan Fund Pilot	\$750,000
Job Training Pilot	\$200,000
Showcase Community Funding	\$300,000



The city of Stamford, a Brownfields Showcase Community, through it's EPA-funded Brownfields Cleanup Revolving Loan Fund, was able to issue a loan to help fund cleanup of several dilapidated properties on Pacific Street in Stamford's South End. Thanks, in part, to the Brownfields program, a beautiful new Harley-Davidson showroom now operates on the site.

To learn more, see www.epa.gov/ne/brownfields/stamford.htm

Harley Davidson of Stamford.

South Windsor

State-led Targeted Brownfields Assessment (Hi-G Company)



Vernon

Targeted Brownfields Assessment (Hockanum Mill)	\$75,000
Targeted Brownfields Assessment (Roosevelt Mills)	\$69,000

EPA completed a Targeted Brownfields Assessment of the Roosevelt Mills site in 1998, and continues to provide assistance to the town. The site is proposed for either commercial or residential reuse, and in 2001, EPA's Superfund Innovative Technology Evaluation (SITE) program awarded a \$500,000 grant to a group from the University of Connecticut to study the feasibility of an innovative bedrock contamination remedy.

Westbrook

State-led Targeted Brownfields Assessment (Turnpike Autowreckers)

Windsor

State-led Targeted Brownfields Assessment (American Tool & Machine)

Winchester

Town of Winchester

Assessment Demonstration Pilot	\$200,000
Revolving Loan Fund Pilot	\$650,000

New in 2001

Winchester's Brownfields program is focused on sites along its Mad River, Still River, and Main Street corridors. Several former industrial properties are being aggressively addressed through the town's Assessment and Revolving Loan Fund Pilots including a development project associated with Northwestern Connecticut Community College.

FAST FACTS

MAINE

Brownfields in Maine - Fast Facts

- EPA's Brownfields funding in Maine has been used to create inventories containing **164** sites.
- EPA's Brownfields funding in Maine has been used to complete 12 site assessments.
- Redevelopment is underway at one EPA Brownfields pilot site in Maine, representing \$23 million and over 600 new jobs.
- In 2001, EPA provided an additional **\$960,000** in Brownfields assistance in Maine, for a total of **\$3.6** million since 1996 (see table below).

Source: EPA New England, January 1, 2002

FEDERAL BROWNFIELDS FUNDING PROVIDED IN MAINE, 2001 AND CUMULATIVE, BY PROGRAM AREA

	2001	Total To Date
Assessment Demonstration Pilots	\$ 135,000.	\$1,059,000.
Revolving Loan Fund Pilots	\$ 750,000.	\$1,750,000.
State Voluntary Cleanup Program Funding		\$ 233,000.
State-led Targeted Brownfields Assessments		\$ 245,000.
EPA-led Targeted Brownfields Assessments	\$ 75,000.	\$ 270,000.

Source: EPA New England, January 1, 2002

\$3,557,000

\$960,000

TOTALS



Following is a summary of Brownfields assistance provided to Maine state and local governments and other organizations:

Statewide

Maine Department of Environmental Protection

State Voluntary Cleanup Program Funding	\$233,000
State-led Targeted Brownfields Assessments	\$245,000
(specific locations listed by city below)	

Maine State Planning Office

Assessment Demonstration Pilot	\$200,000
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The Maine Office of State Planning has performed environmental site assessment activities at properties in Lubec, Waterville, and Rumford.

Augusta

State-led Targeted Brownfields Assessment (Edwards Manufacturing)

Camden

State-led Targeted Brownfields Assessment (Apollo Tanning Company)

East Machias

State-led Targeted Brownfields Assessment (Bangor Hydro Substation)

After the Department of Environmental Protection (DEP) completed a site assessment at the property, the Salmon Commission took ownership of the property and is creating new public access and educational displays.

Falmouth

State-led Targeted Brownfields Assessment (Smelt Hill Dam)

Lewiston

City of Lewiston

Assessment Demonstration Pilot	\$275,000
Revolving Loan Fund Pilot	\$500,000
Targeted Brownfields Assessment (Lewiston & Auburn Railroad)	\$75,000
Targeted Brownfields Assessment (W.S. Libby Mill)	\$75,000

New in 2001

Old Town

Targeted Brownfields Ass	essment (Lily Tulip)	\$20,000



An EPA-conducted Targeted Brownfields Assessment helped contribute to the revitalization of the former Lily-Tulip factory site. The city, working closely with the Maine Department of Environmental Protection and the private sector has helped cleanup and restore this site for multiple uses including retail stores, a restaurant, parkland, and a riverwalk.

To learn more, go to www.epa.gov/ne/brownfields/oldtown.htm

New retail complex in Old Town.

Orono

Town of Orono

Revolving Loan Fund Pilot	\$750,000
Targeted Brownfields Assessment (Ayers Island)	\$100,000

New in 2001

New England

Portland

City of Portland

Assessment Demonstration Pilot	\$335,000
Revolving Loan Fund Pilot	\$500,000
State-led Targeted Brownfields Assessment (Burt Company Site)	

\$135,000 in 2001

As a result of a Targeted Brownfields Assessment performed by the Maine Department of Environmental Protection, the city has taken ownership of the former Burt Company site and has constructed new athletic fields on the property.

Westbrook

City of Westbrook

Assessment Demonstration Pilot	\$250,000
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FAST FACTS

MASSACHUSETTS

Brownfields in Massachusetts - Fast Facts

- EPA's Brownfields funding in Massachusetts has been used to create inventories containing over **1,800** sites.
- EPA's Brownfields funding in Massachusetts has been used to complete 142 site assessments.
- EPA's Brownfields funding in Massachusetts has helped identify 26 properties not requiring cleanup.
- In Massachusetts, 55 cleanups have been started and
 28 completed at EPA Brownfield pilot sites.
- Over \$12 million in cleanup dollars have been spent on EPA Brownfields pilot projects in Massachusetts, creating 380 cleanup jobs.
- Redevelopment is underway at 28 EPA Brownfields pilot sites in Massachusetts, representing \$125 million and over 850 new jobs.
- In 2001, EPA provided an additional **\$3.8** million in Brownfields assistance in Massachusetts, for a total of **\$21.6** million since 1995 (see table below).

Source: EPA New England, January 1, 2002

FEDERAL BROWNFIELDS FUNDING PROVIDED IN MASSACHUSETTS, 2001 AND CUMULATIVE, BY PROGRAM AREA

	2001	Total To Date
Assessment Demonstration Pilots	\$1,300,000.	\$7,783,000.
Revolving Loan Fund Pilots	\$1,000,000.	\$8,468,000.
Job Training Pilots	\$ 350,000.	\$1,150,000.
Showcase Communities Funding	\$ 200,000.	\$ 500,000.
State Voluntary Cleanup Program Funding	\$ 250,000.	\$1,258,000.
State-led Targeted Brownfields Assessments	\$ 185,000.	\$ 375,000.
EPA-led Targeted Brownfields Assessments	\$ 525,000.	\$2,040,000.

TOTALS \$3,810,000 21,574,000

Source: EPA New England, January 1, 2002



Following is a summary of Brownfields assistance provided to Massachusetts state and local governments and other organizations:

Statewide

Massachusetts Department of Environmental Protection

Assessment Demonstration Pilot	\$200,000
State Voluntary Cleanup Program Funding	\$1,258,000
State-led Targeted Brownfields Assessments	\$375,000
(specific locations listed by city below)	

\$250,000 in 2001 \$185,000 in 2001

Regional

Central Massachusetts Economic Development Authority (CMEDA)

Assessment Demonstration Pilot	\$294,000
Revolving Loan Fund Pilot	\$18,000

CMEDA's Brownfields program boasts numerous successful projects, including a new \$15 million, 129-room Marriot Courtyard Hotel on the site of a former steel foundry in Worcester and a new Blackstone River Valley Visitors Center on former industrial land, also in Worcester.

To learn more about the hotel project, see www.epa.gov/swerosps/bfss_cmed2.htm or to learn more about the visitors center project, see www.epa.gov/swerospsbf/ ss cmeda.htm

Montachusett Regional Planning Commission

serving Ashburnham, Ashby, Athol, Ayer, Clinton, Fitchburg, Gardner, Groton, Harvard, Hubbardston, Lancaster, Leominster, Lunenburg, Petersham, Phillipston, Royalston, Shirley, Templeton, Townsend, Westminster, and Winchendon.

Assessment Demonstration Pilot	\$350,000
Revolving Loan Fund Pilot	\$500,000

New in 2001

Mystic Valley Development Commission

serving the cities of Everett, Malden, and Medford

Assessment Demonstration Pilot	\$350,000
Revolving Loan Fund Pilot	\$500,000
Showcase Community Funding	\$200,000

Pioneer Valley Regional Planning Authority

serving 43 cities and towns in the Connecticut River Valley in portions of Hamden and Hampshire Counties

Assessment Demonstration Pilot	\$200,000
Revolving Loan Fund Pilot (Springfield, Chicopee, and Westfield)	\$2,000,000

Amesbury

Targeted Brownfields Assessmen	t (Amesbury Wharf)	\$75,000
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Boston City of Boston

\$200,000 in 2001

Assessment Demonstration Pilot	\$400,000
Revolving Loan Fund Pilot	\$500,000
Targeted Brownfields Assessment (Boston's Hope/Dorchester)	\$75,000
Targeted Brownfields Assessment (Boston Specialty Rehab Hospital)	\$75,000
Targeted Brownfields Assessment (Ferdinand Block/DPH Hospital)	\$75,000
Targeted Brownfields Assessment (Modern Electroplating)	\$90,000
State-led Targeted Brownfields Assessment (Lewis Chemical Company,	Hyde Park)

Boston Connects People to Economic Opportunity, Inc.

00,000
(

New in 2001

Brockton

City of Brockton

Assessment Demonstration Pilot	\$300,000
Revolving Loan Fund Pilot	\$500,000
Job Training Pilot	\$200,000
Targeted Brownfields Assessment (Bargaineer)	\$50,000
Targeted Brownfields Assessment (Knapp Shoe)	\$60,000
Targeted Brownfields Assessment (Montello Auto Body)	\$75,000

\$150,000 in 2001

The city of Brockton was awarded \$200,000 to develop and implement a Brownfields Job Training pilot program. Its first graduating class, in May 2001, consisted of 18 students who were trained and certified in the handling and removal of hazardous substances.

Brookfield

Targeted Brownfields Assessment (54-67 Mill Street) \$75,000 **New in 2001**

Chelsea

City of Chelsea

Assessment Demonstration Pilot	\$200,000

Thanks, in part, to Chelsea's Brownfields Site Assessment Demonstration Pilot program, the city has begun redevelopment of the Everett Avenue Urban Renewal District. Part of this area, once blighted by the storage of junk cars and equipment, is now home to a 180-room Wyndham Garden Hotel. To learn more, go to www.epa.gov/ne/brownfields/chelsea.htm

Strive-Boston Employment Services, Inc.

Job Training Pilot

\$200,000

Chicopee

City of Chicopee

Assessment Demonstration Pilot

\$200,000

The city of Chicopee, using Brownfields funds, completed an assessment on an 8.5 acre parcel which formerly housed the Conway Bedding factory and the Barclay furniture company. After cleanup and demolition, the site was sold to NBC affiliate WWLP - Channel 22, who recently opened their new state-of-the-art television studio and offices.

To learn more, go to www.epa.gov/ne/brownfields/chicopee.htm

Colrain

Town of Colrain

Assessment Demonstration Pilot

\$236,000

Franklin County Regional Council of Governments serving Colrain and Greenfield

Revolving Loan Fund Pilot

\$1,000,000

Everett

Targeted Brownfields Assessment (former Tremont Villa)

\$50,000

Thanks, in part, to a Targeted Brownfields Assessment conducted by EPA, the former Tremont Villa site, which had a long history of past industrial uses will soon be reborn as the new Lewis School for Everett's children.



w in 2001

Fall River

Targeted Brownfields Assessment (City Pier)	\$75,000	Nev
largerea Browntielas Assessment (Lity Pier)	\$/5,000	INE

Fitchburg

City of Fitchburg

Assessment Demonstration Pilot \$200,000 New in 2001

The city received its own assessment pilot in the amount of \$200,000. They will focus on the following properties: 26 Willow Street; 49 Snow Street; Former Hope Rubber company; as well as several others.

Franklin

Targeted Brownfields Assess	sment (Old Sewer Beds)	\$75,000	New in 2001

Gloucester

Revolving Loan Fund Pilot	\$500,000
Targeted Brownfields Assessment (Marine Railways property)	\$100,000
Targeted Brownfields Assessment (Omniwave Electronics)	\$75,000

Great Barrington

City of Great Barrington

Assessment Demonstration	Pilot	\$300,000	\$150,000 in 2001

Greenfield

Town of Greenfield

Assessment Demonstration	n Pilot
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\$320,000

Franklin County Regional Council of Governments serving Colrain and Greenfield.

Revolving Loan Fund Pilot	\$1,000,000
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Hardwick

Holyoke

Targeted Brownfields Assessment (Hallmark Van Lines)	\$50,000
raigorea browning resossment (manimark rain bines)	450,000

EPA is conducting a Targeted Brownfield's Assessment of the Hallmark Van Lines site to assist the city's ongoing efforts to facilitate commercial or industrial redevelopment of this key property.

Lawrence

City of Lawrence

\$200,000 in 2001

New in 2001

Assessment Demonstration Pilot	\$400,000
Revolving Loan Fund Pilot	\$500,000
Targeted Brownfields Assessment (Spicket River Site)	\$75,000

Lawrence's Brownfields program is currently focused on the Lawrence Gateway area—a project that includes the construction of a new I-495 exit ramp, business revitalization, improved parking facilities, and new greenspace amenities for the city and nearby neighborhods.



Lowell

City of Lowell

Assessment Demonstration Pilot	\$600,000
Revolving Loan Fund Pilot	\$500,000
Showcase Community Funding	\$300,000
Targeted Brownfields Assessment (Assets Building)	\$75,000
Targeted Brownfields Assessment (Davidson Street)	\$75,000

A collaboration among federal, state, and local governments, including the use of Lowell's Brownfields Assessment Demonstration pilot funding, helped



redevelop two sites into beautiful new sports facilities. The first, a new 7,800 seat arena for concerts and sporting events, named for U.S. Senator Paul Tsongas, began operating in January 1998. The second, a 4,700-seat ballpark, named for retired State Representative Edward A. LeLacheur, opened in June 1998.

To learn more, go to www.epa.gov/ne/brownfields/ lowell.htm

Tsongas Arena.

Lynn **City of Lynn**

Assessment Demonstration Pilot	\$350,000
Revolving Loan Fund Pilot	\$450,000
Targeted Brownfields Assessment (Beacon Chevrolet)	\$15,000

Using the city's Brownfields Revolving Loan Fund, the Lynn Housing Authority is cleaning up the abandoned Empire Laundry facility. Once the cleanup is complete, the city plans to build low to moderate income housing on the property.

Jobs for Youth - Boston serving Lynn and Somerville

\$75,000 in 2001

Job Training Pilot

\$275,000

Jobs for Youth - Boston (JFY), in partnership with the cities of Lynn and Somerville, was awarded \$200,000 to develop and implement a Brownfields Job Training pilot program. Over two years, 43 participants completed JFY's training program, all of whom were employed after graduation from the program. Prior to entering this program, many participants were unemployed, 'welfare to work', or otherwise disadvantaged. After completing the program, they are now employed full-time and earning living wages with full benefits.

To learn more, go to www.epa.gov/ne/brownfields/jfy.htm



Hazardous materials trainees in protective suits.

Mansfield

Town of Mansfield

Assessment Demonstration Pilot

\$200,000

Marlborough

City of Marlborough

Assessment Demonstration Pilot

\$200,000

Methuen

Town of Methuen

Assessment Demonstration Pilot

\$200,000



Middleboro

State-led Targeted Brownfields Assessment (Middleboro Plating)

Monson

New Bedford

City of New Bedford

Assessment Demonstration Pilot	\$200,000
Revolving Loan Fund Pilot	\$500,000
Job Training Pilot	\$275,000
Showcase Community Designation	
Targeted Brownfields Assessment (Alden Corrugated)	\$40,000
Targeted Brownfields Assessment (Standard Times Field)	\$75,000

\$75,000 in 2001 **New in 2001**

The city of New Bedford, a Brownfields Showcase Community, partnered with New Directions and Bristol Community College on an EPA Brownfields Job



Training pilot program. A 17-week Environmental Tech Aide program was offered twice each year. Thirty-nine participants completed the program over a two-year period. Prior to entering this program, many participants were unemployed, 'welfare to work', or otherwise disadvantaged. After completing the program, many are now employed full-time and earning living wages with full benefits.

To learn more, go to www.epa.gov/ne/brownfields/ newbedford.htm

Also in New Bedford, after an EPA-conducted Targeted Brownfields Assessment was completed for the 25.5 acre Standard Times Field, the city was able to create 10 lots for an industrial subdivision at the site. The city has aggressively marketed these properties, and construction is underway at several parcels. It is expected that over 350 jobs will be created in this area once redevelopment is complete.

To learn more, go to www.epa.gov/ne/brownfields/newbedford1.htm

Newburyport

Targeted Brownfields Assessment (former DPW Yard	\$35,000
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North Adams

City of North Adams

Assessment Demonstration	Pilot	\$141,000
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Northampton

New in 2001

Targeted Brownfields Assessment (former DPW Yard)	\$75,000
Targeted Brownfields Assessment (Old Fire Station)	\$55,000
Targeted Brownfields Assessment (Roundhouse Parking Lot)	\$75,000

EPA is conducting Targeted Brownfields Assessments of several key sites throughout downtown Northampton to assist the city's efforts to catalyze commercial, residential, and retail redevelopment.

Quincy

Salem

City of Salem

Assessment Demonstration	Pilot	\$200,000
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Somerville

City of Somerville

Assessment Demonstration Pilot	\$200,000
Revolving Loan Fund Pilot	\$500,000

Jobs for Youth - Boston serving Somerville and Lynn

Job Training Pilot \$275,000 \$75,000 in 2001

The site of a former mattress factory in Somerville is now home to a 97-unit assisted living facility and health center for low to moderate income seniors. Under their Brownfields pilot, the city completed a site assessment at the site and also used an innovative environmental stop-loss insurance program to underwrite potential cleanup cost overruns.

To learn more, go to www.epa.gov/ne/brownfields/vnalc.htm

Springfield

City of Springfield

Taunton

City of Taunton

Assessment Demonstration Pilot	\$200,000
Revolving Loan Fund Pilot	\$500,000
Targeted Brownfields Assessment (Church Coal)	\$40,000

New in 2001

Taunton has been awarded by EPA a Targeted Brownfields Assessment, a Site Assessment pilot, and a Revolving Loan Fund. Taunton's Brownfields program has successfully redeveloped several sites in the city, including the cleanup of two former industrial sites for reuse as the city's new DPW facility.

Walpole

Town of Walpole

Assessment Demonstration Pilot

\$200,000

Westfield

City of Westfield

Assessment Demonstration Pilot \$175,000
State-led Targeted Brownfields Assessment (Filmtech)

With the help of the city's Assessment Demonstration pilot funding, the former H.P. Smith boiler plant in Westfield has been cleaned up and redeveloped as a new Super Stop & Shop supermarket and retail complex.

West Springfield

Town of West Springfield

New in 2001

Assessment Demonstration Pilot

\$200,000

Worcester

City of Worcester

New in 2001

Assessment Demonstration Pilots	\$362,000
Targeted Brownfields Assessment (Coes Knife Property)	\$75,000



FAST FACTS

NEW HAMPSHIRE

Brownfields in New Hampshire - Fast Facts

- EPA's Brownfields funding in New Hampshire has been used to create inventories containing 326 sites.
- EPA's Brownfields funding in New Hampshire has been used to complete 304 site assessments.
- EPA's Brownfields funding in New Hampshire has helped identify 212 properties not requiring cleanup.
- In New Hampshire, 23 cleanups have been started and 10 completed at EPA Brownfields pilot sites.
- Redevelopment is underway at 21 EPA Brownfields pilot sites in New Hampshire, representing \$25 million.
- In 2001, EPA provided an additional \$440,000 in Brownfields assistance in New Hampshire, for a total of \$5.2 million since 1996 (see table below).

Source: EPA New England, January 1, 2002

FEDERAL BROWNFIELDS FUNDING PROVIDED IN NEW HAMPSHIRE, **2001 AND CUMULATIVE, BY PROGRAM AREA**

	2001	Total To Date
Assessment Demonstration Pilots		\$840,000.
Revolving Loan Fund Pilots		\$2,450,000.
State Voluntary Cleanup Program Funding	\$245,000.	\$1,111,000.
State-led Targeted Brownfields Assessments	\$195,000.	\$514,000.
EPA-led Targeted Brownfields Assessments		\$290,000.

TOTALS \$440,000 \$5,205,000

Source: EPA New England, January 1, 2002

Following is a summary of Brownfields assistance provided to New Hampshire state and local governments and other organizations:

Statewide

New Hampshire Department of Environmental Services (NH DES)

\$1,000,000 in 2001 \$245,000 in 2001 \$195,000 in 2001

Assessment Demonstration Pilot	\$350,000
(specific locations listed by city below)	
Revolving Loan Fund Pilot	\$2,450,000
State Voluntary Cleanup Program Funding	\$1,111,000
State-led Targeted Brownfields Assessments	\$514,000
(specific locations listed by city below)	

Regional

New Hampshire Coastal Office of State Planning serving the communities of Dover, Durham, Exeter, Newmarket, Rochester, and Somersworth

Assessment Demonstration	Pilot	\$350,000
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Berlin

State-led Targeted Brownfields Assessment (Pulp & Paper of America R&D Building)

Bradford

State-led Targeted Brownfields Assessment (Bradford Green/Naughton Site)

Bristol

State-led Targeted Brownfields Assessment (Bristol Mica Factory)

U.S. EPA New England **New Hampshire**



Concord

City of Concord

Assessment Demonstratio	n Pilot	\$90,000
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Durham

Tarantor	d Brownfields	Accoccmont	(Crain	Cupaly	Company	\$75,000
lulyelet	1 DIOMIIIIGIUS	W22G22IIIGIII	(Cluly	JUPPIY	company)	\$1.J,UUU

EPA completed a Targeted Brownfields Assessment of the Craig Supply site in 1999. The site is slated to be reused by the University of New Hampshire for the construction of a loop road to alleviate traffic and public safety issues near its student parking area and Whittemore Center arena.

Franklin

Targeted Brownfields Assessment (J.P. Stevens Mi	\$20,000
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Greenfield

State-led Targeted Brownfields Assessment (East Coast Steel)

Haverhill

Brownfields Site Assessment Activities (Woodsville Rail Yard Site)

(under NH DES's Assessment Demonstration Pilot)

After a site assessment funded via the state's Assessment Demonstration Pilot, the town of Haverhill has purchased the former Woodsville Rail Yard and, with the added help of a DOT Scenic Byways Grant, plans to convert the property to greenspace, with trails and a parking area.

Henniker

State-led Targeted Brownfields Assessment (Contoocook Valley Paper)

Londonderry

Targeted Brownfields Assessment (Lamont Labs)

\$35,000

An EPA-conducted Targeted Brownfields Assessment and assessment work conducted under New Hampshire Department of Environmental Services'



Assessment Demonstration pilot contributed to the redevelopment of the former Lamont Labs site, near Manchester Airport. The site now houses Enterprise Rent-a-Car's northeast distribution center.

To learn more, go to www.epa.gov/ne/brownfields/londonderry.htm

Building on Lamont Labs property, prior to demolition and redevelopment.

Milton

Targeted Brownfields Assessment (Milton Mills Tannery)

\$75,000

\$41,000

Mont Vernon

State-led Targeted Brownfields Assessment (Kaminski Property)

Nashua

City of Nashua

Assessment Demonstration Pilot

\$200,000

New Boston

State-led Targeted Brownfields Assessment (Robert Riley Property)



New Ipswich

Brownfields Site Assessment Activities (Seppalo and Aho Property)

(under NH DES's Assessment Demonstration Pilot)

In New Ipswich, at the former Seppalo and Aho property, site assessment work conducted by the state under their Assessment Demonstration Pilot enabled the town to convert this former construction company property into a municipal complex, including town offices, police department, and a public works garage.

Newport

Targeted Brownfields Assessment	(Ambargis Mill)	\$75,000
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Northfield

Brownfields Site Assessment Activities (Surrette Battery Site)

(under NH DES's Assessment Demonstration Pilot)

After extensive cleanup work under EPA's Removal program and site assessment activities conducted by the state under their Assessment Demonstration Pilot, the town of Northfield has acquired the former Surrette Battery property with plans to construct an assisted living facility in the future.

Sutton

Targeted Brownfields Assessment (Henry's Tire Property)	\$10,000
(later transferred to NH DES for completion)	\$41,000

Tilton

Brownfields Site Assessment Activities (Pillsbury Mill Site)	\$25,000
(under NH DES's Assessment Demonstration Pilot)	

Studied via the state's Assessment Demonstration Pilot program, the town of Tilton now hopes to transform the former Tilton Tanning/Pillsbury Mill site into a town green. The town is currently working with a landscape architect and hopes to begin cleanup and park construction in the spring of 2002.

FAST FACTS

RHODE ISLAND

Brownfields in Rhode Island - Fast Facts

- EPA's Brownfields funding in Rhode Island has been used to create inventories containing **65** sites.
- EPA's Brownfields funding in Rhode Island has been used to complete
 site assessments.
- In Rhode Island, three cleanups have been started and one completed at EPA Brownfield Pilot sites.
- Over \$425,000 in cleanup dollars have been spent on EPA
 Brownfields pilot projects in Rhode Island and over 20 cleanup jobs were created.
- Redevelopment is underway at two EPA Brownfields pilot sites in Rhode Island.
- In 2001, EPA provided an additional \$240,000 in Brownfields assistance in Rhode Island, for a total of \$3.25 million since 1996 (see table below).

Source: EPA New England, January 1, 2002

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FEDERAL BROWNFIELDS FUNDING PROVIDED IN RHODE ISLAND, 2001 AND CUMULATIVE, BY PROGRAM AREA

	2001	Total To Date
Assessment Demonstration Pilots		\$ 650,000.
Revolving Loan Fund Pilots		\$1,000,000.
Showcase Community Funding		\$ 500,000.
State Voluntary Cleanup Program Funding	\$ 85,000.	\$ 540,000.
State-led Targeted Brownfields Assessments	\$ 80,000.	\$ 255,000.
EPA-led Targeted Brownfields Assessments	\$ 75,000.	\$ 305,000.

TOTALS \$240,000 \$3,250,000 Source: EPA New England, January 1, 2002

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Following is a summary of Brownfields assistance provided to Rhode Island state and local governments and other organizations:

Statewide

Rhode Island Department of Environmental Management (RI DEM)

Assessment Demonstration Pilot	\$400,000
State Voluntary Cleanup Program	\$540,000
State-led Targeted Brownfields Assessments	\$255,000
(specific locations listed by city below)	

\$85,000 in 2001 \$80,000 in 2001

Rhode Island Economic Development Corporation (RI EDC)

Assessment Demonstration Pilot	\$200,000
Revolving Loan Fund Pilot (with RI DEM)	\$1,000,000

Bristol

State-led Targeted Brownfields Assessment (Buttonwood Industrial Complex)

Central Falls

Targeted Brownfields Assessment (Spintex Mill) \$30,000

Providence

City of Providence

Assessment Demonstration Pilot	\$250,000
Showcase Community Funding (with RI DEM)	\$500,000
Targeted Brownfields Assessment (Narragansett Landing)	\$50,000
Targeted Brownfields Assessment	
(West Elmwood Development - Rau Fasteners)	\$115,000
Targeted Brownfields Assessment (Save The Bay - Sunshine Island)	\$75,000

\$75,000 in 2001

One of the key projects for Providence's Brownfields program (a Brownfields Showcase Community) is the Woonasquatucket Greenway project. Through the



Brownfields program, the city has assessed and cleaned up two large properties, the 6-acre Riverside Mills property and the 9-acre Lincoln Lace and Braid. The city is now planning for future uses at these sites.

To learn more, go to www.epa.gov/ne/brownfields/providen.htm

Woonasquatucket River. Also in Providence, thanks, in part, to a remedial evaluation report completed using funds from the state's Assessment Demonstration Pilot, a former gravel pit has been redeveloped into the new Buttonhole Golf Course. This new 9-hole 'short course' and

its teaching center are helping to make golf a more accessible sport to Rhode Island's citizens.

Warwick

State-led Targeted Brownfields Assessment (Pontiac Enterprises)

State-led Targeted Brownfields Assessment (T.H. Baylis Company)

After the former chemical distributor and wholesaler, T.H. Baylis ceased operations, the property sat idle until the Department of Environmental Management (DEM) initiated a site assessment. The Rhode Island Department of Transportation (DOT) has identified the property as a potential location for an intermodal transportation facility. DOT has completed remedial design and is committed to completing cleanup of the site.



VERMONT

Brownfields in Vermont - Fast Facts

- EPA's Brownfields funding in Vermont has been used to create inventories containing **48** sites.
- EPA's Brownfields funding in Vermont has been used to complete 22 site assessments.
- EPA's Brownfields funding in Vermont has helped identify 4
 properties not requiring cleanup.
- In Vermont, seven cleanups have been started and three completed at EPA Brownfields pilot sites.
- Over \$45,000 in cleanup dollars have been spent on EPA Brownfields pilot projects in Vermont, creating over 50 cleanup jobs.
- Redevelopment is underway at 13 EPA Brownfields pilot sites in Vermont, representing \$1.9 million and 49 new jobs.
- In 2001, EPA provided an additional **\$625,000** in Brownfields assistance in Vermont, for a total of **\$1.8** million since 1996 (see table below).

Source: EPA New England, January 1, 2002

FEDERAL BROWNFIELDS FUNDING PROVIDED IN VERMONT, 2001 AND CUMULATIVE, BY PROGRAM AREA

2001	Total To Date
\$450,000.	\$1,250,000.
	\$200,000.
\$100,000.	\$208,000.
\$75,000.	\$150,000.
	\$450,000. \$100,000.

TOTALS \$625,000 \$1,808,000

Source: EPA New England, January 1, 2002

Following is a summary of Brownfields assistance provided to Vermont state and local governments and other organizations:

Statewide

Vermont Department of Environmental Conservation

\$100,000 in 2001

State-led Targeted Brownfields Assessments

\$208,000

(specific locations listed by city below)

Regional

Southern Windsor County Regional Planning Commission serving the towns of Andover, Baltimore, Cavendish, Chester, Ludlow, Reading, Springfield, Weathersfield, West Windsor, and Windsor.

\$150,000 in 2001

Assessment Demonstration Pilot

\$350,000

Using funds from their Assessment Demonstration pilot, the Planning Commission was able to complete phase I and II site investigations at the Old Windsor High School/Burnham (old town dump) property. This property was subsequently sold and now houses an accounting firm with eight employees.

Two Rivers Ottauquechee Regional Commission

serving the towns of Barnard, Bethel, Bradford, Braintree, Bridgewater, Brookfield, Chelsea, Corinth, Fairlee, Granville, Hancock, Newbury, Pittsfield, Plymouth, Pomfret, Randolph, Rochester, Royalton, Sharon, Stockbridge, Strafford, Thetford, Topsham, Tunbridge, Vershire, West Fairlee, and Woodstock

New in 2001

Assessment Demonstration Pilot

\$200,000



Windham Regional Commission

serving Athens, Brattleboro, Brookline, Dover, Dummerston, Grafton, Guilford, Halifax, Jamaica, Londonderry, Marlboro, Newfane, Putney, Readboro, Rockingham, Searsburg, Somerset, Stratton, Townshend, Vernon, Wardsboro, Westminster, Weston, Whittingham, Wilmington, Windham, and Winhall

Assessment Demonstration Pilot

\$200,000

Burlington City of Burlington

Assessment Demonstration Pilot

\$500,000

\$100,000 in 2001

The Vermont Transit Bus Barns property has been successfully redeveloped as part of Burlington's work with the EPA Brownfields Assessment Demonstration pilot



program. The site has now been redeveloped into 25 units of affordable housing as well as commercial/

To learn more, go to www.epa.gov/ne/brownfields/ burlington vt.htm

Former bus barns redeveloped for commercial use.

Ludlow

State-led Targeted Brownfields Assessment (Jewell Brook Property)

Montpelier

Targeted Brownfields Assessment (Carr Lot) -

\$75,000

New in 2001

VERMONT COWNEIE DA

BROWNFIELDS SITES

North Bennington

State-led Targeted Brownfields Assessment (BCIC Building Complex)

Richford

State-led Targeted Brownfields Assessment (Sweat Comings)

Rockingham

Targeted Brownfields Assessment (TLR Complex) - \$75,000

EPA is conducting a Targeted Brownfields Assessment of the historic TLR Mill site to assist the town's efforts to reuse the site as an interpretive museum depicting historic paper-making processes. The site is located on the banks of the Connecticut River, an American Heritage River.